AXIS M3058-PLVE Network Camera
12 MP outdoor-ready dome with 360° panoramic view and IR illumination

AXIS M3058-PLVE Network Camera delivers outstanding video in any light conditions, using Axis-developed Forensic WDR and Lightfinder technologies. With its integrated, automatically adaptable OptimizedIR illumination, this versatile camera even sees in the dark. The camera offers 360° overview as well as dewarped views. AXIS M3058-PLVE is vandal resistant (IK10) and discreetly designed. The optional black skin, which is also easily repaintable, can be used to further blend the camera into its environment. The camera has good capacity for analytics. It comes factory-focused and is designed for easy installation.

> 12 MP sensor
> OptimizedIR illumination
> Lightfinder technology
> Forensic WDR
> Zipstream for reduced bandwidth and storage
AXIS M3058-PLVE Network Camera

Camera

Image sensor 12 MP (4000x3000) 1/1.7" progressive scan RGB CMOS

Lens Fixed iris, fixed focus, 1.3 mm, F2.2

Day and night Automatically removable infrared-cut filter

Minimum illumination

Color: 0.19 lux at 50 IRE F2.2
B/W: 0.04 lux at 50 IRE F2.2

O lux with IR illumination on

Shutter time 1/22 500 s to 2 s

Camera angle adjustment Rotation n ±180°

Video

Video compression H.264 (MPEG-4 Part 10(AVC)) Baseline, Main and High Profiles

Motion JPEG

Resolution Overview: 2992x2992 to 160x160
Panorama: 3584x1344 to 192x72

Double panorama: 3584x2688 to 256x144
Quad view: 3584x2688 to 256x144

View area 1–4, 16–9: 2048x1152 to 256x144, 4:3: 2048x1536

and 320x240

Panorama corner left/right: 3200x1600 to 192x72

Double panorama corner: 2880x2880 to 320x240

Corridor: 2560x1920 to 256x144

Frame rate 360° overview only, up to 2992x2992 without WDR: 25/30 fps @ 50/60 Hz

360° overview and dewarped views up to 5 MP with WDR: up to 20 fps @ 50/60 Hz

360° overview and dewarped views up to max resolution with WDR: up to 12.5/15 fps @ 50/60 Hz

Video streaming Multiple, individually configurable streams in H.264 and Motion JPEG

Axis Zipstream technology in H.264

Controllable frame rate and bandwidth

VBR/ABR/MBR H.264

Multi-view streaming 360° overview, dewarped panorama, double panorama, corridor and quad views. Up to 4 individually cropped out in max resolution and dewarped view areas. All different views can be streamed simultaneously. When streaming 4 dewarped view areas and one 360° overview in max resolution, up to 12 fps per stream

HDMI output HDMI 1080p @ 50/60 fps (50/60 Hz)

Image settings Compression, color, brightness, sharpness, contrast, local contrast, white balance, exposure control (including automatic gain control) exposure zones, fine tuning of behavior at different light levels, forensic WDR, up to 120 dB depending on scene, dynamic text and image overlay, polygon privacy masks, mirroring of images, rotation: 0°, 180°, including Corridor Format

Pan/Tilt/Zoom Digital PTZ of view areas, digital PT of panorama, corridor, corner and quad views, preset positions, guard tour

Audio

Audio input/output Two-way audio connectivity via the optional AXIS T61 Audio and I/O Interfaces with portmax technology

Network Security

Password protection, IP address filtering, HTTPS® encryption, IEEE 802.1X (EAP-TLS®) network access control, digest authentication, user access log, centralized certificate management, brute force delay protection, signed firmware

Supported protocols IPv4, IPv6, USBv0, HTTP, HTTPS®, SSL/TLS®, QoS Layer 3 DiffServ, FTP, SFTP, CHIP/SMIP, SMTP, Bonjour, UPnP®, SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SRTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, SIP, LLDP, HDMI 1.4b

System integration Application Programming Interface

Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at axis.com

AXIS Video Hosting System (AVHS) with One-Click Connection

ONVIF Profile G and ONVIF Profile S, specification at onvif.org

Analytics

Included

AXIS Video Motion Detection, active tampering alarm

Supported

AXIS Motion Guard, AXIS Fence Guard, and AXIS Loitering Guard

Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/scap

Event triggers

Analytics, supervised external input, virtual inputs through API, edge storage events, open casing

Event actions

Record video: SD card and network share

Upload of images or video clips: FTP, SFTP, HTTP, HTTPS, network share and email

Pre- and post-alarm video or image buffering for recording or upload

Notification: email, HTTP, HTTPS, TCP and SNMP trap

PTZ: PTZ preset, start/stop guard tour

Overlay text, external output activation

Data streaming Event data

Built-in installation aids

Pixel counter, digital PTZ of view areas, digital PT of panorama, corner, corridor and quad views

General

Casing

IP66- and NEMA 4X-rated, IK10 impact-resistant casing in polycarbonate and aluminum, with hard-coated dome and dehumidifying membrane

Encapsulated electronics and captive screws

Color: White NCS S 1002-B

For repainting, use the optional skin cover. Contact your Axis partner for instructions.

Sustainability

PVC-free

Memory

2 GB RAM, 512 MB Flash

Power

Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3 Typical 7.8 W, max 12.95 W

Connectors

Shielded RJ45 10BASE-T/100BASE-TX PoE

Terminal block for 1 supervised alarm input and 1 digital input output (12 V DC output, max. load 25 mA)

HDMI type D

Audio and I/O connectivity via AXIS T61 Audio and I/O Interfaces with portmax technology

IR illumination

OptimizedIR with with power-efficient, long-life 850 nm IR LEDs with adaptable illumination intensity

Range of reach 15 m (49 ft) or more depending on scene

Storage

Support for microSD/microSDHC card and encryption

Support for recording to network-attached storage (NAS)

For SD card and NAS recommendations see axis.com

Operating conditions

-40 °C to 50 °C (-40 °F to 122 °F)

Maximum temperature (intermittent): 55 °C (131 °F)

Start-up temperature: -30 °C to 50 °C (-22 °F to 122 °F)

Humidity 10–100% RH (condensing)

Storage conditions

-40 °C to 65 °C (-40 °F to 149 °F)

Humidity 5–95% RH (non-condensing)

Approvals

EMC

EN 55032 Class A, EN 50121-1, IEC 62236-4, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, ICES-003 Class A, VCCI Class A, RCM AS/NZS CISPR 32 Class A, KC KN32 Class A, KC KN35 Safety

IEC/EN/UL 62368-1, IEC/EN/UL 60950-22, IEC/EN 62471 Environment

IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-14, IEC 60068-2-27, IEC 60721-3-5 Class 5M3 (vibration and shock), IEC/EN 60529 IP66, IEC/EN 62262 IK10, NEMA 250 Type 4X Network

NIST SP500-267

Dimensions

Height: 66 mm (2.58 in) or 149 mm (5.78 in)

Weight

770 g (17.1 lb)
### Included accessories
- Installation guide, Windows® decoder 1-user license, drill hole template, cable gaskets, connector guard, I/O connector, Resistor® T20 L-key, mounting bracket, cable hole lid, view protector

### Optional accessories
- AXIS T94T02D Pendant Kit with weathershield, AXIS T94K01D Pendant Kit, AXIS T94S02L Recessed Mount Kit, AXIS M30 Skin Cover A Black, Axis Mounts & Cabinets, AXIS T6101 Audio and I/O Interface, AXIS T6112 Audio and I/O Interface

  For more accessories, see [axis.com](http://axis.com)

### Video management software
- AXIS Companion, AXIS Camera Station, video management software from Axis’ Application Development Partners available at [axis.com/vms](http://axis.com/vms)

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**Languages**
- English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Polish, Portuguese, Traditional Chinese

**Warranty**
- Axis 3-year warranty and AXIS Extended Warranty option, see [axis.com/warranty](http://axis.com/warranty)

  a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit ([openssl.org](http://openssl.org)), and cryptographic software written by Eric Young ([eay@cryptsoft.com](mailto:eay@cryptsoft.com)).

  b. Make sure that the cable has a slim connector plug

**Environmental responsibility:**
- [axis.com/environmental-responsibility](http://axis.com/environmental-responsibility)